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ABSTRACT

A mercury-free metal halide arc lamp having an arc vessel of fused silica, an aspect ratio greater than 5, and containing a noble gas such as xenon, argon or krypton and a metal halide. In a preferred embodiment, the arc vessel has a diameter of 8 mm and a length of 80 mm, a fill of sodium/scandium iodides and a buffer gas of xenon.

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